

Provo Canyon slide clips flume to UP&L turbines

18 Apr 1984

By Michael Morris
Deseret News staff writer

PROVO — It may cost Utah Power & Light Co. as much as \$200,000 in repairs the next few months to stop mudslides from claiming a Provo Canyon water flume.

Until last month, the flume — located above Canyon Glen on the north side of the canyon — carried water to UP&L turbines at the company's Olmstead power station at the mouth of the canyon. However, damage to the pipe from recent mudslides prompted company officials to halt water flow through the pipe.

"The pipe looks like World War II all over again," said project foreman Al Asay of Johnson Construction. "This damage happened almost overnight. Once it (mudslide) let go, it really let go."

Water flowing through the flume was responsible for generating about 10 megawatts of electricity a day. According to UP&L officials, the power lost from the generating capacity of the water pipe represents about \$6,000 daily in lost revenues.

"The whole hill is sliding toward Provo River and moving the pedestals the pipe's legs are sitting on," said UP&L superintendent DeLoss Peay. He said minor slide problems have occurred in the area before, causing the pipe to move as recently as last summer. "But now the whole hill's starting to move," he said.

In addition to knocking sections of the pipe off its supports, Asay said, recent slides have covered part of the flume and ripped numerous holes in sections of the 8.5-foot diameter pipe along a 500-foot stretch. He said Johnson Construction built new supports last sum-



Mudslide in Provo Canyon above Canyon Glen has damaged UP&L flume that feeds turbines at Olmstead plant.

mer for various pipe sections, but now much of the previous work has to be redone.

"We doubled the strength of the supports last fall, and it still got ripped off," said Asay. He said parts of the pipe have moved as much as 5 feet downhill, "but I

don't think it's moving that bad now; the slides have slowed down."

Johnson Construction is currently patching holes and attempting to straighten out sections bent from the mudslides. In addition, the company plans to bring in heavy equipment to remove portions of buried

pipe. Asay said the project will likely take until August to complete.

According to Peay, engineers are designing various support systems for the flume that will allow it to slide over mudslides without being damaged.

"Nothing's definite, but we're not figuring on moving it (the pipe)," Peay said. "We mainly want to try and move some of the hill so it quits pushing against the pipe."

UP&L officials say it will likely cost between \$100,000 and \$200,000 to save the pipe, depending on which solutions are implemented.

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Utah County

Utah County deaths

Evelyn Pewtress

PROVO — Evelyn Heal Mansfield Pewtress, 72, died April 16, 1984, in LDS Hospital in Salt Lake City. She was born Sept. 7, 1911, in Provo, to Thomas Harry and Eva Ward Heal. She married Thomas M. (Jack) Mansfield on Feb. 20, 1929, in Richfield. He died Jan. 1, 1947. She married George A. Pewtress on Aug. 13, 1947. They were later divorced.

She received her education in Provo schools and graduated from Provo High School. Following her marriage, she and her husband made their home in Salt Lake City. She lived in Eureka, Juab County; Payson; and Provo. For the last 30 years she has made her home in Magna. She worked as a clerk for Union Pacific Railroad for 20 years, retiring in 1976. She operated George and Ev's Cafe in Garfield, Box Elder County, for 10 years. She was a member of The Church of Jesus Christ of Latter-day Saints. She was a member of the ladies auxiliary of the Veterans of Foreign Wars post in Magna.

She is survived by two sons and four daughters, Mrs. Robert (Colleen) Anderson, Kearns; Thomas Grant Mansfield, Mrs. Ronald P. (Dian) Sadler, both of Magna; Mrs. LeRoy (Jeanett) Jones, Carbondale, Colo.; Mrs. Larry (Jacqueline) Jacobs, Taylorsville; George Ray Pewtress, Aspen, Colo.; 22 grandchildren.

Randy, Springville, girl.

FARAGHER, Mr. and Mrs. Kimball, Orem, boy.

HERNANDEZ, Mr. and Mrs. Nahun, Provo, girl.

LAIDLER, Mr. and Mrs. Robert, Provo, boy.

OTTESON, Mr. and Mrs. James, Orem, girl.

RAYMOND, Mr. and Mrs. Michael, Orem, boy.

REED, Mr. and Mrs. Clifford, Provo, boy.

REILLY, Mr. and Mrs. Steven, Orem, girl.

STEPHENS, Mr. and Mrs. Harry, Provo, boy.

WATTS, Mr. and Mrs. Larry, Evanston, Wyo., girl.

Orem Community Hospital

MALLETT, Mr. and Mrs. John, Orem, girl.

Softball signup scheduled Thursday

PROVO — The city Recreation Department will hold an organizational meeting for the women's slow- and fast-pitch softball leagues — and girls fast-pitch for those 14 to 18 years old — at 7 p.m. Thursday at the Eldred Senior Center, 200 W. Fifth North, Provo.

Those wishing to have a team in one of the leagues should have a representative at the meeting to discuss registration, fees, scheduling, fields and league rules. Those interested in joining a team are also welcome.

League play is scheduled to begin the week of May 21 and will continue until August. Team fees are \$225 for adult fast pitch, \$200 for girls fast pitch and \$190 for slow pitch. Registration deadline is May 7. For further information, call the recreation office at 375-1822, Ext. 502.

Bangerter to speak at Tech

OREM — Rep. Norm Bangerter, R-West Valley, will speak Thursday

COUMBS, Mr. and Mrs. Kelly, Nephi, girl.

HAMILTON, Mr. and Mrs. Wayne, Salem, girl.

HASKELL, Mr. and Mrs. Lee, Elk Ridge, boy.

MCQUEEN, Mr. and Mrs. Michael, Provo, boy.

MOODY, Mr. and Mrs. Layne, Spanish Fork, boy.

MUSIL, Mr. and Mrs. David, Spanish Fork, girl.

NUNNELLEY, Mr. and Mrs. Hodge, Payson, girl.

SHELL, Mr. and Mrs. Louis, Payson, boy.

STEELE, Mr. and Mrs. Rick, Nephi, boy.

TURPIN, Mr. and Mrs. David, Payson, boy.

WILLIE, Mr. and Mrs. Jerame, Mapleton, girl.

WILSON, Mr. and Mrs. Don, Payson, girl.

Springville

Continued from U-1
hydro system and 6 megawatts from its allocation from the Colorado River Storage Project, it would have a buffer of 3 megawatts that could be sold to surrounding communities to generate additional revenue.

The proposed gas-turbine system could be paid for by the sale of excess power and would generate added income for the city, he said.

— Purchase from UP&L. The company greatly increased its between 1978 and 1984. At the same time, UP&L controls power transmission, restricting competition and reducing flexibility because the utility is in control of those decisions as well.

— Join the municipal association in buying into the Bonanza plant near Vernal. The initial cost would be rather high and the operation and maintenance costs would be higher than other options. Bonanza power will not likely be available in 1986.

— Purchase power from Mother

the patriotic musical about the framing of the Declaration of Independence, will be May 10 at 11 a.m.

The musical will be presented in late August by the Payson Community Theater.

The cast calls for 26 men and two women to play the roles of people like Thomas Jefferson, Benjamin Franklin and Abigail Adams. Auditions will be held at Payson High School May 10 and 11 from 6 to 10 p.m. Performers should come prepared with a song, preferably from the production.

The Payson Community Theatre board of trustees decided on "1776" because this is a presidential election year. Charles Lynn Frost, whose "Annie" won the award as the outstanding show in the county last year, has been selected as artistic director.

More information may be obtained from Frost by calling 465-3317. Scripts are available.

ing resource.

— Purchase power from a Shelley, Idaho, hydroelectric facility through SUVPP. Shelley has an application filed for 10 megawatts of generation on the Snake River below Idaho Falls. The project has great potential, but is five years away from completion. The question of power distribution must also be addressed.

Councilman Max Knight was asked to form a committee to look at the gas co-generation power system and bring findings to the City Council for its May 1 meeting. Klane F. Forsgren of Forsgren-Perkins Engineering, Salt Lake City, and Springville City Attorney Harold Mitchell also have studied the prospects closely. They will contribute their findings to the May 1 meeting.

Utah County Fair needs volunteers

PROVO — The Utah County Fair,